

Converting Colors

Hex(080097)

Have a look what the booklet for
Hex(080097) contains.

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Color

Hex(080097)

Conversions

Conversions Part 1

Format	Color
Hex	080097
RGB	8, 0, 151
RGB Percent	3%, 0%, 59%
CMY	0.9686, 1.0000, 0.4078
CMYK	0.95, 1.00, 0.00, 0.41
HSL	243°, 100%, 30%
HSV	243°, 100%, 59%
XYZ	5.6861, 2.2860, 29.4197
YIQ	19.6060, -43.7030, 48.6570

Conversions

Conversions Part 2

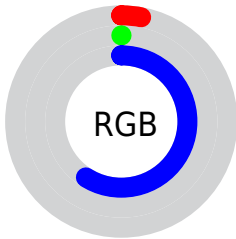
Format	Color
RYB	8, 0, 151
Decimal	524439
CIELab	16.92, 53.65, -72.54
CIELCh	17, 90.219, 306.487
Yxy	2.2860, 0.1521, 0.0611
Android (android.graphics.Color)	4278714519 (0xFF080097)
YUV	19.6060, 64.7772, -10.1785
Hunter-Lab	15.1195, 40.6702, -104.7836

Details

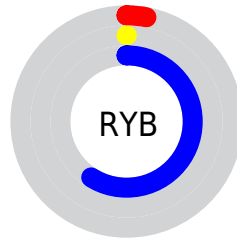
The Hex color **080097** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8F9700**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5C37CF**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **080097**, and if you desaturate by 10%, it is **160F97**.

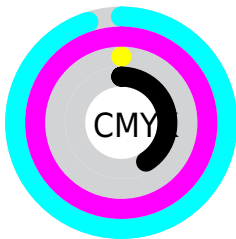
Distribution



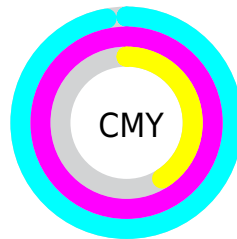
- Red (3%)
- Green (0%)
- Blue (59%)



- Red (3%)
- Yellow (0%)
- Blue (59%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)




- Cyan (97%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080097 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 080097 by changing the saturation by 10% instead.

 080097

 080097

 FFF3FF

 00007C

 5C37CF

 000062

 7B50EC

 000949

 996AFF

 000432

 B784FF

 00011C

 D59FFF

 000000

 F3BAFF

 FFD6FF

 080097

■ 160F97

■ 251E97

■ 332D97

■ 413C97

■ 504C97

■ 5E5B97

■ 6C6A97

■ 7A7997

■ 898897

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0034B3



080097



79005F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



080097



5B0500



003C37

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



080097



8F9700

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003A00



080097



282D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



080097



7E0000



003700



003F78

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



080097



8A0035



003700



003B20

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



080097



8D89C4



008F97



424063



E3E3E3



636363

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



080097



0A00C4



530097



45454D



07008C



01000D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



97008F



C400BA



449700



4D454C



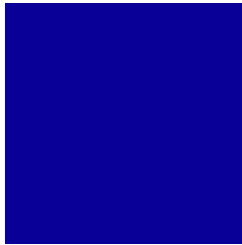
8C0085



0D000C

Previews

White Background



This preview shows how the Hex color 080097 looks on a white background.

Color Contrast Check

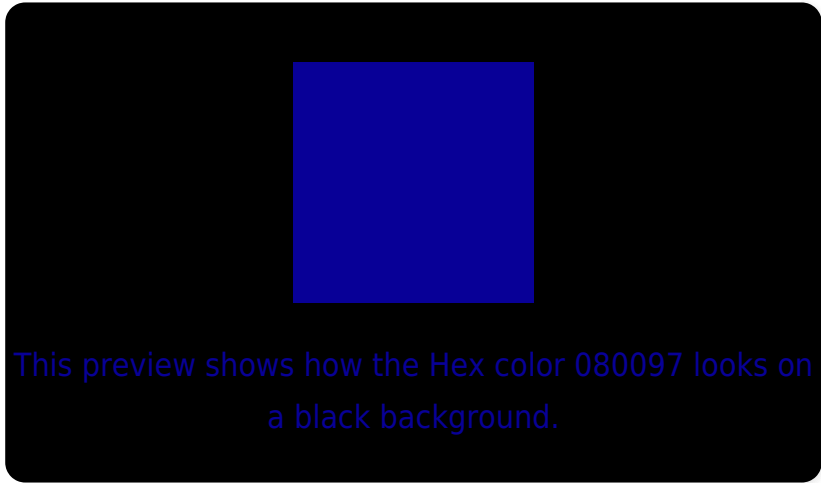
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

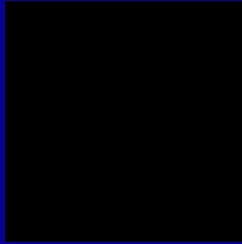
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 080097 Background



This preview shows how black text looks on a background with the Hex color 080097.



This preview shows how white text looks on a background with the Hex color 080097.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
080097

Protanopia
002C5D

Deuteranopia
002F4E

Trichromacy



Original Color
080097

Protanomaly
031C72

Deuteranomaly
031E69

Tritanomaly
032059

Monochromacy



Original Color
080097

Achromatopsia
141414

Achromatomaly
100D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 080097 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #080097 looks like.

```
.text, #text, p{  
    color:#080097  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #080097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080097
}
```

Border

The CSS property to change the border of an element to Hex 080097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#080097 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#080097 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #080097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080097; -webkit-box-shadow:4px 4px  
4px 4px #080097; box-shadow:4px 4px 4px  
4px #080097 }
```

Background

The CSS property to change the background color of an element to Hex 080097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080097 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#080097 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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